

ABSTRACT OF THE DISCLOSURE

A hydraulic pressure regulating valve for regulating a pressure in an automatic transmission of a motor vehicle, comprising a magnetic part which includes an electrically controllable coil, a coil core and a movable armature, a valve flange which is anchored on the magnetic part and has pressure medium guiding passages, a piston controlling a pressure in a passage connected to a consumer, the piston being loaded with the armature and controlling pressure medium connections between the passages, a diaphragm element which seals the valve flange relative to the magnetic part, a return passage, the diaphragm element having at least one pressure chamber which is hydraulically connected with the return passage, and a throttling device formed so that the pressure chamber is connected with the return passage through the throttling device.